Pyramix
DIGITAL AUDIO WORKSTATION
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Pyramix 6.2 SP2 Release Notes

Installation

Please consult the Installation Guide located on the Pyramix Installation Media (CD/DVD-ROM or USB Memory card) for details of the hardware and software installation procedure and Authorization Key registration process.

To install the Mykerinos board, TURN YOUR COMPUTER OFF (shut down then switch the power off). Next plug the Mykerinos board into one of the PCI/PCI-Express bus slots on your computer and turn the power back on.

Additional installation step for multi-board application

In order to enable multi-board operation, all Mykerinos cards in your PC have to be connected together using a special HDTDM ribbon cable. This cable has to be plugged into the multi-pin connectors located on the top edge of the I/O daughter cards. Please contact your Merging Technologies Sales Partner for information on how to order this HDTDM ribbon cable.

- To install the Pyramix Virtual Studio software insert the Pyramix Virtual Studio Installation Media - the installation program should auto-start.
- To install MassCore launch the MT Security Settings, go to the MassCore page and install the MassCore RunTime (a MassCore base key is required).

Updates

Please check our Web site **http://www.merging.com** periodically for information, patches and updates.

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Version Pyramix 6.2 SP2

IMPROVEMENTS

- Fade Editor option to reduce the Memory consumption (Clarification)
  - The default behavior has been changed, as of 6.2sp1, to minimize the fade editor's memory usage.
  - To re-enable the previous behavior, which allows step-by-step undo in the fade editor, please go to All Settings > Application> Editing Page and check the “Enable Undo for every Fade Editor change" box.

BUGS FIXED (some fixed bugs could be missing from the list)

- MT3845: Fixed. Recording Dubbing mode : track in Repro turns to Input on stop
- MT3875: Fixed. ISIS: missing Move Clip mapping
- MT3677: Fixed. Isis rec button does not lit in AutoPunch mode
- MT3643: Fixed. Quick convert to MP3 settings crashes
- MT1775: Fixed. Automation Display (A): options needed "last selected displayed automation track" et "current automation track" et 'All Tracks"
- MT3932: Fixed. TimeCode unlock when synchronizing to 1080sf @24 on Myk-X30
- MT3498: Fixed. Some MXF files when opened in Pyramix will show 64 audio tracks.
- MT3690. Fixed. Subgroup support in EMC (HUI compatible) controllers
- MT3653: Fixed. Studer Vista consoles preset in EMC (instead of using Mackie MCU (HUI))
- MT3675: Fixed. NLE machine (VCube) follows editing move when synchronized through SonyP2
- MT3543: Fixed. Video detected text in the I/O Status window to clarified
- MT3669: Fixed. Mixer Configure page : Del with no strip or bus selected makes Pyramix freeze under Vista/Win7
- MT3649: Fixed. Aiff handler miscalculating the length of Aiff clips in import - Playback (AAF)

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Pyramix V6.2 SP2 Known Issues (Some issues could be missing from this list)

- **MassCore**
  - MassCore is not yet supported under Windows 7. Only Mykerinos or Native modes are supported for now under Windows 7.
  - Hyperthreading is supported for MultiCore processors only, since Pyramix V6.1, but Merging recommends that you disable the Hyperthreading for the moment.
  - We recommend that you do not use more than 65-70% of the Core resources, to avoid intense graphic refresh burst related problems. Three safe core zones have been set. Eventually this will be optimized further.
    - 0% to 65% Green zone (best performance)
    - 65% to 75% Orange zone (moderate risk)
    - 75% to100% Red zone (performance could be at risk if major screen redraws are initiated by the user).
  - If the Core indicator blinks (red), this will indicate a drop, only be concerned if the drop occurred during Playback/Mix down or record. To reset the Core drop simply do a Mouse click on the Core indicator, for more information please refer to the appropriate section in the User Manual. VST plug-ins users should consult the VST Core Load information also available in the User Manual.
  - External Insert plug-ins: The same input and output cannot be used in the External Insert plug-in and the Mixer at the same time, they are exclusive to either one.
  - The MADI 1 daughterboard is not supported in multi-board, neither in Mykerinos nor MassCore.

- **General**
  - Pyramix v6.2 SP2 projects are NOT compatible with the Pyramix v6.1 Maintenance Releases. In to order to open such projects in an older version please make sure that you perform the proper Save Special option, in this case perform a Save Special “Save as Version 6.1.7MR1 / 6.1.8 MR2”. The downsides to this save special that you will lose your Tabs Layout and revert to the Default layout. (Due to XTremeToolkit compatibility issue)

  - Low Memory Condition Warning:

    A warning was added to inform users when the system is reaching Low Memory Conditions. In order to save a project under such conditions Pyramix will switch to Save to Disk mode as not enough memory might be available otherwise. This warning was added in order to prevent a Runtime Error on Save.

    Note that the Save time in Save to Disk mode in Low Memory Condition might take a longer time since the memory is being dumped to disk in order to allow the users to save their projects. We recommend afterwards to exit and restart Pyramix in order to free all memory.

    This Low Memory warning threshold can be adjusted by the user if one wishes it to come earlier or later. With every systems and workflows being different, Merging leave you the ability to adjust when the Warning will show up.

    Procedure:
    - Close Pyramix
    - Type regedt32 in the run command
    - In the registry go to HKEY_CURRENT_USER\Software\Merging Technologies\Pyramix\Settings\Save to disk threshold (this key will only appear if at least one save was made using that version)
    - Default value in Decimal mode has been set to 15
      - The higher the value is set, the earlier the Low Memory warning will come
      - The lower the value is set, the riskier it is for you to encounter a Runtime Error at save (previous Pyramix versions value would have had this value set to 0)

    In the near term, Merging expects to significantly further improve (reduce) the memory consumption of Pyramix, especially when confronted with the task of loading enormous libraries, over the coming months. Since this is a rather major re-design, we decided however not to further postpone the release of Pyramix V6.1 for just this very only annoyance.

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For the long term, the move of our applications to a 64 bit operating system will provide a very solid platform to accommodate the ever growing project size requirements of some of our users. We are extremely committed to this move but we do need to be clear that it will not be a short term solution; current plans put such a move around 12 months away from today and potentially towards 2011.

- Timeline and Realtime Sampling Rate Conversion: clicks may occur when doing playback or mixdown in a region where 2 overlapping clips reference the same media with different sampling rate than project.
  Workaround: Convert those Medias to the project's sampling rate, prior to using such a workflow.

- Cannot use DiscWrite with Pyramix v6.2 or V6.2SP2:
  Workaround: Re-install Pyramix (maybe run clean up after un-installing Pyramix) or Re-install the Gear driver. Prior to re-installing such drivers use the Gear Removal Utility below.
  Gear Removal Utility:
  http://www.gearsoftware.com/downloads.php?dir=updates/windows/drivers/&file=Driver_Remover.exe
  Find other Gear links that may be useful to determine if the drivers are installed and functioning correctly and other tips:
  Gear Driver Status:
  http://www.gearsoftware.com/wiki/index.php?title=Determining_if_GEARAspi_drivers_are_installed_correctly
  Gear Known Issues:
  http://www.gearsoftware.com/rss/GEAR-drivers-feed.php

- ADR keyboard is by default disabled. To enable it you must download and run the proper Registry Key. http://download.merging.com/beta/AssociatedTools/ADRKeyboard.zip
- Multiple projects opened simultaneously: We do not recommend users to have more than 8 project opened at the same time (due to GDI object limitation).
- Waveforms: Since Pyramix V6.1 the new waveform file format is PK2, such a PK2 waveform file cannot be read in previous Pyramix version and in such a case waveforms will have to be re-generated. On the other side previous waveforms format PK files (Pyramix V6.0 and older) are compatible with Pyramix V6.1 & V6.2.
- The Render Tool will create a temp file for the CEDAR and Nova v0.99 in C:\ Be aware that Merging cannot change the Temp file patch of such third party Render.

- Third Party Plug-ins
  - Algorithmix ReNOVAtor for Pyramix: We recommend users to download the latest version available on their site. www.algorithmix.com
  - Cedar: Install issue on certain Vista configurations where you might not see the Cedar plug-ins after the installation process. The problem is due to erroneous referencing of the license manager utility on a vista machine. Please contact Merging Support or Cedar Support for all details and workaround.
  - Cedar: Some toolbar icons might be missing if on a Windows XP system. Workaround: Disable the Skin option in Pyramix>settings>Desktop Layout.
  - Altiverb: We recommend users to download the latest version available on the Audio Ease site.

- MP3, AC3 Files and other compressed formats support:
  - Default Windows installation should handle most of the common compressed file formats. In case of problem with the default Widows Installation, Merging has a list of recommended third-party codecs but will not certify any codecs. http://forum.merging.com/viewtopic.php?f=18&t=5755
  - Vista users warning: UAC (User Account Control) can be blocking the “Essentials Codec Pack” at startup. If this is the case, you should see once logged into your session at the windows bottom bar a “Windows has blocked some programs” message. You can then unblock it from there or deactivate UAC from the Windows Control Panel.

No need to install the previous mp3 beta handler since it is by default part of the Pyramix V6.1 & V6.2 installers.

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Version Pyramix 6.2 SP1

IMPROVEMENTS

- New automation snapshot dialog option "unselect", available as a radio button (MT3574).
  - Will display all Automation entries in the snapshot window without selecting them.

- BUS strip Automation snapshots remembers its last settings (MT2660)

- Fade Editor option to reduce the Memory consumption by purging the Undo-Redo in close Fade Editor or when changing fades (MT3405)
  - For large projects step-by-step undo fills the memory up, so an option was added to prevent such problem, being disabled by default, therefore there are no changes to the default behavior
  - The option is available in All Settings > Application> Editing Page as “Enable Undo for every Fade Editor change”

- Record: The current media “take name” is displayed in the red clip being recorded and in the On The Air window (MT3309)

- Temporary option to disable Keyboard commands to Mixer
  - With such option the Arrows and Tab Keyboard Commands are disabled for the Mixer but the P command to reset Peaks is preserved
  - This option can be enabled the following way:
    - Open your registry (regedt32)
    - Go to HKEY_CURRENT_USER/Software/Merging Technologies/Pyramix/Settings/
    - Create a new DWORD Value: *No VS3 Keyboard Command* and make sure that the Decimal DWord Value = 1
    - Relaunch Pyramix and Keyboard commands to mixer will be disabled (use DWORD value = 0 to re-enabled)

- New USB Sync card drivers

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BUGS FIXED (some fixed bugs could be missing from the list)

- MT3334: Fixed. When doing Mixdown, not all elements in Mixdown window are grayed out
- MT3618: Fixed. Jog wheel Zoom mode status not reported to controllers
- MT3638: Fixed. Crash when importing AAF (generated by AVID) that contains clips of size = 0
- MT3569: Fixed. MP3 Render & Quick Export Settings could crash if opened
- MT3496: Fixed. Mixdown non realtime never stops if main return and some VS3 effect present
- MT3553: Fixed. AES2 is not bit transparent at 192k when speed on physical wire is 96k
- MT3576: Fixed. Waveforms: generate after recording" it still generates whilst recording in BWF
- MT3609: Fixed. Limitation of mixer size is not correct (error above 384 Strips)
- MT3620: Fixed. Too long strip name causes Oasis controller crash
- MT3617: Fixed. In Jog wheel Zoom mode, the timeline ruler is not correctly refreshed
- MT3612: Fixed. Pyramix crash on Exit due to skin (under XP)
- MT3598: Fixed. Changing certain VST order in Mix window may crash Pyramix
- MT3151: Fixed. Ramses faders above the latest Pyramix mixer channel to be positioned to mute, Must use the latest Ramses ConsoleSoft (v2.4.0.3082 or higher) in order to have the resolution.
- MT3535: Fixed. Automation Snapshot: Last viewed selection (View by Buses) should be kept
- MT3537: Fixed. Automation Snapshot doesn't see some strips
- MT3587: Fixed. Automation: moving clips with CTRL (crossfade) option and Cut/Paste automation will delete previous automation
- MT3595: Fixed. Sony track arming in Assemble now behaves like the SonyP2 specs (with options)
- MT3575: Fixed. ADR Keyboard in Pyramix is on Ovation key layout
- MT3550: Fixed. IMTMDB Database Session improved handling
- MT3574: Fixed. Export CD-Text doesn't create txt file under Vista and 7
- MT3562: Fixed. Physical I/O Adat naming not taken accordingly
- MT3568: Fixed. Recalling Mixer preset from existing mixer switches the Sampling rate to 48k
- MT3536: Fixed. Verify that the compiler optimization flags are all updated (Higher CPU load in Native)
- MT3539: Fixed. Adding Subgroups with MeterBridge can cause crash
- MT3496: Fixed. Mixdown non realtime never stops if main return and some VS3 effect present
- MT3534: Fixed. Physical I/O Names: "Clear User Names" and open the same or a new project and the names are not deleted

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Version Pyramix 6.2

NEW FEATURES

- **New AAF Module**:
  For better reliability and handling (see User Manual for all details)

- **Automation additions** (MT3460):
  - New Filter Automation Tracks auto-select options:
    - Select Last Used: Auto-select the previous automation tracks selected.
    - Select Last Changed: Auto-select the last automation track written (the tracks having the last same date / time is the automation tracks version dialog)
    - Select Displayed: Auto-select the tracks displayed in the timeline.
  - The last select option chosen is reloaded the next time the dialog popup.

- **New Mixer Tracks indicator**:
  When connected to a "Direct Monitoring" Strip or a Strip set to "Return From Bus".
  - A red [D] indicator was added on the Top/Left corner of the Track headers so that the user is aware that those Strips are not Delay compensated (by design).
  - Since a user might want to be able to playback clips recorded on those tracks (which is why they exist), the indicator warns the user that the mode is for monitoring/reviewing the record. When the time will come to make a final mix-down (or other final process), the user will have to convert Direct Monitoring Strips to Normal Strips and reset the Return From Bus flag to Input to have a proper delay compensation on such tracks.

- **New Shared Mixing Console Mode** (MT3160)

  This new mode allows the user to switch between projects without changing the mixing console.
  With such mode activated the user can quickly go to any other project to copy/paste clips and/or import an OMF/AAF/EDL/etc… Or quickly review/compare anything without disconnecting and reconnecting the mixer, the remote controllers and automation.

  - New menu item in the Project Menu called "Share Mixing Console"
  - New Icon available in the main Toolbar on the left of the Cursor TimeCode (little Mixer Icon).
  - When selecting Menu "Share Mixing Console" or enabling the Icon, the currently Active Project shares its Mixing Console. To reflect this state the Toolbar Icon turns to Green, meaning that the user is in Shared Mixer Mode and that the current active Project is the one sharing its Mixing Console.
  - When switching, loading or creating another Project, the project Mixing Console is hidden and the Shared Mixing Console is used instead. The switching is instantaneous. To reflect this state the Icon on the Toolbar will turn to Red, meaning that we are in Shared Mixer Mode but that the currently active Project is NOT the owner of the Mixing Console.
  - To exit the Shared Mixing Console Mode the active Project has to be the one sharing its Console (Green Icon) and simply select the Menu or Click the Icon.

  Side effect and limitations when in Shared Mixer Mode and active project is not the owner of the Mixer (Red Icon):

  - When saving a project using a shared mixer that is not its own one, the saved Mixer will be the shared one (it will be replaced in the saved file). A message is displayed to notify the user and make sure he's fine with this.

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- The Sampling Rate will never change and will always keep the one of the Project sharing its Console.
- Configuring the Mixer is not allowed. (Configure button on the Mixer toolbar is disabled).
- All pages in All Settings allowing for changing the Mixer and VS3 settings are hidden (Hardware, Mixer, Sampling Rate, etc…)
- All actions using a non-real-time mixer or changing the sampling rate are disabled (Mix-down, Generate CD Image, Convert, Surround Encode)
- Recording in a project using a Shared Mixer is possible, however changing the Dubbing Mode while in Red Icon mode is not possible.
- The Automation is disabled for projects in Shared Mixer Mode

All the above limitations do not apply when the Project sharing its Console is active (Green Icon), in this case everything acts like in normal conditions.

- **New Project Import page layout options**
  - The Project > Import options can now be called even if a Project is not currently open
  - In the Import dialog two new choices have been added before Replace, Append and Insert options:
    - Create a new Project (only choice if no project is currently open at import time
    - Create a new Project that shares the current Project Mixer
  - Existing options have been renamed:
    - Replace the current Project by removing all existing data
    - Append the imported tracks at bottom of current Project tracks
    - Insert the imported clips into the current Project tracks

- **New Physical I/O Renaming*** (MT3215)
  - In the Settings>Hardware>Routing is it now possible to rename the Physical I/Os (when project is closed)
  - The User can rename the Physical “User Bank” and the “User Name”
  - You can clear the current naming by using the “Clear User Names” option
  - Those named Physical I/Os will then appear in the Mixer Route page and Mixer Input and Output list

  * Supported in MassCore mode only. This feature is not supported in Mykerinos mode and nor in Native mode.

- **MT USB Sync updates**
  - Added feature to be able to chase incoming biphase at 24 frm/s when Pyramix is set to 25 frm/s
  - Supported only when the biphase pulse per frame count is greater or equal to 10

- **New Sony P2 synchronization mode** (MT2890).
  - Sony Command for instant GoTo during playback.
  - Colin Broad and Soundmaster have extended the Sony protocol for ProTools compatibility

- **New option to remove the Mini-Fade “at start/end of clip”**
  - under Settings>Application>Playback/Record to (MT2093)
  - This removes the 64samples mini-fade that could not be deactivated at start and end of playback (within a clip).

- **New Jog feature**
  - Zoom sensitivity function in relation with zoom ratio (MT3401)
    - New Setting available in Settings>Application>Jog/Chase page as “Geared Jogging”
  - New jog wheel mode controlling the timeline zoom smoothly (MT3402)
    - Under menu Machines > Controller > Jog-Wheel Mode
    - New button in the main transport window (Controllers section)

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IMPROVEMENTS

- SACD Area/Album small enhancement & LBM export (MT3506):
  - When User selects 'no Text Available' for 'Character set', the language field switches to no language (Album & area infos)
  - LBM Export now only includes MasterText and/or AreaText if Character Set code and language code are valid

- Mixdown options are now kept and will not revert after a Mixdown (MT3288)

- Mixer Improvements:
  - Mixer Settings: Updated Max Delay Compensation value display (now only in ms) to improve the consistency between actual delay, Delay Compensation popup messages and Mixer's settings slider value
  - Added new ToolTip functions for SubGroups and Aux buses to set "All Sends Pre" or "All Sends Post" (MT3462)
  - Mixer Panning improvements (MT3461): The default level Panning value has changed from Mute to -3dB on L et R on a Stereo Strip to Mono Aux send. The Reset Channel routing will also applied those values by default under those circumstances.
  - Mixer: New strip created will be by default "Off" in all busses in the mixer (MT3226)
  - Mixer: Now has Pan value indication in % (For remote control use, MT2971)
  - Mixer: dB increment value of a Fader using Keyboard Arrow up or Down improvements (MT3315)
    - Modify gain with Arrow => 0.1 dB step (current)
    - Modify gain with Shift + Arrow => 0.5 dB step
    - Modify gain with CTL+ Shift + Arrow => 1.0dB step

- Automation ripple in delete (MT3392):
  In auto-ripple mode, when a track (except master tracks) displays an automation track different than the strip connected, both displayed and connected strips are rippled.

- New AAF module for better handling and reliability
  - Current limitations:
    Quantize Edits to Video Frame not yet implemented (Grayed Out as was previously existing)

- AAF Import Settings (see User Manual for all details):
  - Embedded Media Options: Extract and destination options.
  - Linked Media Options
  - Fade Options: Replace and removed Fades Curves options
  - Level Options:
    Normalize Envelope to Envelope + Gain searches for the highest or lowest value of the imported envelope and shift the whole to align it to 0 dB then compensate for the shifting by setting a static clip gain accordingly. This option makes sure the levels are preserved from the original values from the AAF file, but moves visually the envelope near the nominal 0 dB for better visibility. It also allows "unmerging" static gain and envelope points that have been merged together by the Pyramix AAF Export function to retrieve the original settings as defined by Pyramix.
  - Avid/Digidesign options
    - Use Alternate Segments from Clip Selectors/Groups
    - Remove and "Sample Accurate Edits"

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- AAF Import Cancel: The user now has the option to Cancel all following searches or only the present one
  - Click 'Yes' to Continue searching for any other missing Media
  - Click 'No' to also Cancel searching for any other missing Media

- AAF: Added option to Reconform Protools Fades (MT3018)

- New Gear drivers were added to the installer in order to fix an issue related to the ISRC codes that were not read in import (MT3339).

- Midi generic mapping improvements (MT3216):
  When ranges are set from 0 to 127, 63 and 64. Values set now the middle of the control

- Effects Rack: Effects Delay compensation is now supported in the MT FXRack renderer (MT136)

- OMF Handler has been disabled and replaced by Wave/AIFF Handler (MT3291)
  - Advantages:
    - Quicker mounting of files
    - Better playback performance of Wave/AIFF files containing OMF information
    - No more limitation when opening OMF files of 512 or 2048 files

- ADR Improvements
  - ADR auto carries last character to newly created loop (MT2765)
  - ADR loop ID column no longer needs three digits (MT2758)
  - ADR option to include Loop Name in recorded clip name (MT2757)
  - ADR now carries the Char ID and Reel Num to the Loop Name (MT2756)
  - ADR now has a “Loop Name” Column (MT2755)
  - ADR “Priority” column can now be sorted (MT2753)
  - ADR new style clip name field order (MT2745)
  - ADR Text column now in addition to the current text box (MT2743)
  - ADR manual status column in the ADR loop page (MT2736)

- Timecode display, cursor and other graphic refresh improvements (MT3275)

- Waveform generation optimization (MT3174)

- Pyramix: Recently opened Project file count increased (MT2897). Under Project>Open Recent

- Automation: snapshot view should display what is currently being displayed by the automation track (on the timeline, MT2697)

- Quick Export: Added check box “Generate New UID” option to allow UID regeneration for PMF and BWF files (MT2987)

- Surround Panner mode Gain vs. Power not global to all Panners (MT2870). In a surround project the surround panner Constant Gain if set to Constant Power on a strip panner will no longer change for all other panners.

- ReSampler: increased accuracy of Resampler dialog’s Percent Edit Box to 3 decimals (MT2794)

- MassCore & VST core drop indicators were sometimes too sensitive and peaking when they shouldn’t (MT3112-MT3113)

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Pyramix 6.2 RC3 BUG FIXES (some fixed bugs could be missing from the list)

- MT3520: Fixed. Mixer Settings: Unable to compensate effects on some DXD project.
- MT3527: Fixed. Higher CPU consumption under Native with the current 6.2RC2 version compared to the previous V6.1MR2
- MT3528: Fixed. EMC bad mapping for strips above 9 (midi input port 2 t o 4)
- MT3510: Fixed. Generate CD image may generate non stereo PMI file
- MT3513: Fixed. FX Rack: Cannot load a saved preset
- MT3519: Fixed. X30, wrong LTC output (toggling) when TC locked to video
- MT3502: Fixed. If you perform a Save it will ask you to resave project at close.
- MT2852: Fixed. ISIS write mute automation broken
- Fixed. FXRack delay compensation still computing the Muted Effects

Pyramix 6.2 RC2 BUG FIXES (some fixed bugs could be missing from the list)

- MT3491: Fixed. Delay Compensation offset with VST plug-in on Multi-Stems on MassCore platform
- MT3470: Fixed. Pyramix Import Video no longer creates a guide video track
- MT3499: Fixed. Import OMF >Insert the imported clips into the current project tracks always Append at bottom of project tracks
- MT3494: Fixed. Pyramix: Drag & Drop from itunes broken
- MT3483: Fixed. UPC/EAN enabling is not copied from parent album info
- MT3489: Fixed. Save special as v6.2MR2 broken (*see known issues below for details)
- MT3482: Fixed. Mixer: Delay Compensation broken
- MT3481: Fixed. Shared Mixer: if Mixers are similar the automation does not come back at close shared mixer project
- MT3484: Fixed. Direct Monitoring Track indicator not displayed if Track header has a custom Background Color.
- MT3486: Fixed. Editing crash in some Track groups that have automation.
- MT136: Fixed. FX Rack glitches in Rendering and Stereo support broken

Pyramix V6.2 RC1 BUG FIXES (some fixed bugs could be missing from the list)

- MT3476: Fixed. Pyramix Crash in Media Manager in Ovation context
- MT3467: Fixed. Sony jump offset command issue when play - play reverse - play
- MT3451: Fixed. Record Safe missing refresh in transport on Icon update
- MT3341: Fixed. Move CD Tracks does not work properly (CD SACD Tab)
- MT3432: Fixed. Cannot playback a project anymore if sampling rate was changed
- MT3271: Fixed. Pyramix project is changes will now load back properly in VCube.
- MT3314: Fixed. Mykerinos-X30, DSP start fail error
- MT3448: Fixed. Sony communication overflow when a Sony controller controls a machine through Pyramix
- MT3452: Fixed. Strip Tools in DXD does not keep low pass filter over 20K
- MT3439: Fixed. VS3 plug-ins (EQx) Automation status updates not displayed if plug-in GUI is displayed
- MT3429: Fixed. Remote: cannot communicate to Remote anymore (EMC no longer outputs midi).
- MT2498: Fixed. Delay Compensation does not compensate automation in certain cases.
- MT3438: Fixed. Physical I/O offset of 1 in Physical I/O naming
- MT2012: Fixed. VS3 Automation (bypass on/off) from Mixer is not updated on the automation auto-display, and not even applied
- MT3427: Fixed. Create offline library: No mounted media shown in media manager the first time, if no Quickmount present.
- MT3273: Fixed. Media manager: Renaming an AIFF loses the waveforms and shows the clip offline
- MT3012: Fixed. Place in timeline option from library doesn't work.
- MT3435: Fixed. MPEX3 Pitch error with BWF and Wav files processing
- MT2899: Fixed. toolbar buttons are not updated when set from a controller
- MT3319: Fixed. Random Crash when rebuilding the Mixer if EqX is present.
- MT3101: Fixed. Settings: By default link to automation limit by default to undo
- MT3004: Fixed. MassCore RTX random crashes (over night run)
- MT3428: Fixed. MTUSBSync: Pyramix hang when configuring biphase machine

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- MT3136: Fixed. Pyramix: When using Video (VT) the timeline is not updating correctly VT once doing a nudge clip.
- MT3074: Fixed. Track Monitoring will switch to input mode instead of repro under certain circumstances
- MT2848: Fixed. no "save" prompt on closing a project after some modifications
- MT3425: Fixed. Pyramix Native: Mixer error in Mixdown Non-Realtime under Vista
- MT3338: Fixed. Settings - Sync source doesn't always change when using Apply changes / at start up predefined clock not always lock
- MT3401: Fixed. Archive consolidate will result in missing waveforms on media second leg.
- MT3408: Fixed. Delay Compensation mode changes if modifying the delay compensation value.
- MT3293: Fixed. X30 loose TC sync when using HD25 1080p
- MT3426: Fixed. NT Event Log shows Pyramix log messages
- MT3410: Fixed. Archive: added warning if archiving media that have too long patch
- MT3423: Fixed. Library show online medias but they are in fact offline.
- MT3299: Fixed. Mixer: Renaming a Track from the Mixer only updates after the Tracks Tab is closed and opened (refreshed)
- MT3035: Fixed. Fade Editor: Color indicator setting is not stored and "forgotten" and needs better handling.
- MT3242: Fixed. Archive: Should forget the last entry and use current project name once performing an archive.
- MT3278: Fixed. Media Manager: Canceling the mounting Media Folder does not work.
- MT3287: Fixed. No audio or Waveforms for Mixdowns to WAV or AIFF
- MT3340: Fixed. Create a new XFades between mono clips can result in strange display and crash
- MT3376: Fixed Input monitoring - doesn't switch right between track groups
- MT3380: Fixed. After moving a folder with audio, right part of stereo PMF clip not mounted
- MT3404: Fixed. Mixer crash (EQX) when removing some strips from Mixer
- MT3420: Fixed. Settings: Using "Enter" to rename Physical I/O will close the Settings
- MT3422: Fixed. Shared Mixer Mode will remove Hardware settings and could eventually crash.

Pyramix V6.2 Beta1 BUG FIXES (some fixed bugs could be missing from the list)

- MT3398: Fixed. Pyramix - crash RTX when adding VS3surround meter in DXD
- MT3051: Fixed. Fade Editor Waveform Color Update while playback will now save the custom color selected
- MT3405: Fixed. Fade Editor: Runtime error, Memory is not purging the Undo-Redo in close fade editor or when changing fades
- MT3241: Fixed. Place: Place dialog (and other dialogs) does not remember the previous setting
- MT3072: Fixed. Record: BWF embedded tracks sometimes revert to one file per track
- MT3372: Fixed. MTUSBSync: Pyramix hang when exiting or when changing configuration of USBSync machine
- MT574: Fixed. Timeline: 'Set Focus to Timeline' command not working is using hotkey
- MT3396: Fixed. VS3 Burel plug-in cannot be bypass in the Pyramix Mixer.
- MT3382: Fixed. Renders with Auto-Ripple enabled will either move the clips back in the timeline or remove the clip tail
- MT3379: Fixed. Mixer: VST plug-in ordering on Buses cannot be modified from the Configure Mixer Page (Strip ordering works fine)
- MT3381: Fixed. When doing a non-realtime mixdown on certain projects results in Callback Error.
- MT3365: Fixed. Pyramix do not (vari) chase correctly a Biphase machine in reverse
- MT3356: Fixed. Mixer: VST tool tooltip "ALL VST Effect Off" is not updated on the plug-in Led (On/Off)
- MT3387: Fixed. Subgroup mixer strips remote name nomenclature changed for Subgroup support in Ramses
- MT3238: Fixed. Re-opening a precedent version of a project while the latest version is still open shows the original version project empty
- MT3978: Fixed. Some Documents Library might prevent Automation to work if loaded at project start.
- MT2189: Fixed. Pyramix loses Internal Bus connections
- MT2664: Fixed. Waveforms build counter at bottom of GUI not updated accordingly
- MT3368: Fixed. Mixdown non-real time repeatability and accuracy improvement
- MT3367: Fixed. Automation undo doesn't seem to work in certain conditions:
- MT3366: Fixed. Algorithmix VST-NoiseFree inserted in Mixer prevents Non Realtime Mixdown and CD Image Generation
- MT3359: Fixed. DSP Power Saving - Player Recorder mode produce big noise on bus outputs
- MT3358: Fixed. Wrong playback when starting outside of the loop

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- MT3352: Fixed. Crash when Play Cursor is placed after a long loop
- MT3316: Fixed. OMF limitation of 512 files causes offline medias if above
- MT3300: Fixed. SRC: Mixdown RealTime aborts and cannot be made in some projects (44.1kHz) that contains SRC clips
- MT3392: Fixed. FXRack sometimes seeing stereo plug-ins as mono
- MT3289: Fixed. CD markers did not move correctly when performing slow mouse moves as auto ripple mode is engaged
- MT3272: Fixed. Quick Convert: Sample Rate Converter, will generate clicks or audio gaps
- MT3270: Fixed. Recording: Record is sometimes not recording (random) and creates 0 size files.
- MT3256: Fixed. Waveforms: Some QuickTime files do not show any waveforms in Pyramix
- MT3228: Fixed. Monitor Panel: Subgroup in the monitor panel is pre fader
- MT3184: Fixed. MT ASIO Bridge I/O names now start from 1 instead of 0
- MT3172: Fixed. During Pyramix startup, some Message Box are displayed behind the splash screen and could be inaccessible
- MT3169: Fixed. Too much cache audio buffers remaining when looping
- MT3085: Fixed. Isis External machine display not refreshed when Transport window is hidden
- MT3055: Fixed. Ramses TimeCode display refresh rate not as good when the Machine transport window is hidden
- MT2980: Fixed. MTSSRV requires that RTX is installed to work
- MT2924: Fixed. Monitor Panel disappears behind Mixer if Mouse is over a plug-in or input
- MT2918: Fixed. MTUSBSync synchronization issue in 24 fps video formats
- MT2917: Fixed. MTUSBSync: Add Video termination check box in config panel
- MT2867: Fixed. AAF: Envelope/Gain issue with Pyramix to Avid transfer
- MT2947: Fixed. ADR Fix fields that loose their values if not closed first
- MT2620: Fixed. Mixdown with automation in Non-Realtime lacks accuracy
- MT1866: Fixed. Mixer configure page: Mixer jumps off to other screen when opened and should be same size than other pages
- MT1411: Fixed. Mix Buses cannot be turned on/off when the buss is collapsed
- MT1394: Fixed. Automation: Clip automation does not follow when selecting Nudge with auto-ripple disabled.

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Pyramix V6.2 Specific Known Issues (Some issues could be missing from this list)

- **MassCore**
  - Hyperthreading is supported for MultiCore processors only, since Pyramix V6.1, but Merging recommends that you disable the Hyperthreading for the moment.
  - MassCore is not supported on a Pentium 4 or Pentium D processor; refer to the Installation Guide for the proper supported configuration details.
  - We recommend that you do not use more than 65-70% of the Core resources, to avoid intense graphic refresh burst related problems. Three safe core zones have been set. Eventually this will be optimized further.
    - 0% to 65% Green zone (best performance)
    - 65% to 75% Orange zone (moderate risk)
    - 75% to100% Red zone (performance could be at risk if major screen redraws are initiated by the user).
  - If the Core indicator blinks (red), this will indicate a drop, only be concerned if the drop occurred during Playback/Mix down or record. To reset the Core drop simply do a Mouse click on the Core indicator, for more information please refer to the appropriate section in the User Manual. VST plug-ins users should consult the VST Core Load information also available in the User Manual.
  - External Insert plug-ins: The same input and output cannot be used in the External Insert plug-in and the Mixer at the same time, they are exclusive to either one.
  - The MADI 1 daughterboard is not supported in multi-board, neither in Mykerinos nor MassCore.

- **General**
  - Pyramix v6.2 projects are NOT compatible with the previous Pyramix v6.1 Maintenance Releases. In to order to open such projects in an older version please make sure that you perform the proper Save Special option, in this case perform a Save Special “Save as Version 6.1.7MR1 / 6.1.8 MR2”. The downsides to this save special that you will lose your Tabs Layout and revert to the Default layout. (Due to XTremeToolkit compatibility issue)

  - A crash at Pyramix exit has been encountered under Windows-XP due to the passage to Visual 2008 (MT3434).
    Workaround: Go under Pyramix Settings>Application>Desktop Layout and disable the Skin. Afterwards exit and re-launch Pyramix. You should no longer encounter such crashes.

  - Low Memory Condition Warning:
    A warning was added to inform users when the system is reaching Low Memory Conditions. In order to save a project under such conditions Pyramix will switch to Save to Disk mode as not enough memory might be available otherwise. This warning was added in order to prevent a Runtime Error on Save.

    Note that the Save time in Save to Disk mode in Low Memory Condition might take a longer time since the memory is being dumped to disk in order to allow the users to save their projects. We recommend afterwards to exit and restart Pyramix in order to free all memory.

    This Low Memory warning threshold can be adjusted by the user if one wishes it to come earlier or later. With every systems and workflows being different, Merging leave you the ability to adjust when the Warning will show up.
    Procedure:
    - Close Pyramix
    - Type regedt32 in the run command
    - In the registry go to HKEY_CURRENT_USER\Software\Merging Technologies\Pyramix\Settings\Save to disk threshold (this key will only appear if at least one save was made using that version)
    - Default value in Decimal mode has been set to 15
      - The higher the value is set, the earlier the Low Memory warning will come
      - The lower the value is set, the riskier it is for you to encounter a Runtime Error at save (previous Pyramix versions value would have had this value set to 0)

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In the near term, Merging expects to significantly further improve (reduce) the memory consumption of Pyramix, especially when confronted with the task of loading enormous libraries, over the coming months. Since this is a rather major re-design, we decided however not to further postpone the release of Pyramix V6.1 for just this very only annoyance.
For the long term, the move of our applications to a 64 bit operating system will provide a very solid platform to accommodate the ever growing project size requirements of some of our users. We are extremely committed to this move but we do need to be clear that it will not be a short term solution; current plans put such a move around 12 months away from today and potentially towards 2011.

- Timeline and Realtime Sampling Rate Conversion: clicks may occur when doing playback or mixdown in a region where 2 overlapping clips reference the same media with different sampling rate than project.
  Workaround: Convert those medias to the project's sampling rate, prior to using such a workflow.
- Cannot use DiskWrite with Pyramix v6.2: You will need to either re-install Pyramix (maybe run clean up after un-installing Pyramix) or Re-install the Gear driver
- ADR keyboard is by default disabled. To enable it you must download and run the proper Registry Key. http://download.merging.com/beta/AssociatedTools/ADRKeyboard.zip
- Multiple projects opened simultaneously: We do not recommend users to have more than 8 project opened at the same time (due to GDI object limitation).
- Waveforms: Since Pyramix V6.1 the new waveform file format is PK2, such a PK2 waveform file cannot be read in previous Pyramix version and in such a case waveforms will have to be re-generated. On the other side previous waveforms format PK files (Pyramix V6.0 and older) are compatible with Pyramix V6.1 & V6.2.
- The Render Tool will create a temp file for the CEDAR and Nova v0.99 in C:\ Be aware that Merging cannot change the Temp file patch of such third party Render.

- Third Party Plug-ins
  - Algorithmix ReNOVAtor for Pyramix: A new version is available with Memory improvements. This version will prevent memory related crashes and can be downloaded from www.algorithmix.com
  - Cedar: Install issue on certain Vista configurations where you might not see the Cedar plug-ins after the installation process. The problem is due to erroneous referencing of the license manager utility on a vista machine. Please contact Merging Support or Cedar Support for all details and workaround.
  - Cedar: Some toolbar icons might be missing if on a Windows XP system. Workaround: Disable the Skin option in Pyramix>settings>Desktop Layout.
  - Altiverb: We recommend users to download the latest version available on the Audio Ease site.

- MP3, AC3 Files and other compressed formats support:
  - Default Windows installation should handle most of the common compressed file formats. In case of problem with the default Widows Installation, Merging has a list of recommended third-party codecs but will not certify any codecs. http://forum.merging.com/viewtopic.php?f=18&t=5755
  - Vista users warning: UAC (User Account Control) can be blocking the “Essentials Codec Pack” at startup. If this is the case, you should see once logged into your session at the windows bottom bar a “Windows has blocked some programs” message. You can then unblock it from there or deactivate UAC from the Windows Control Panel.
  - No need to install the previous mp3 beta handler since it is by default part of the Pyramix V6.1 & V6.2 installers.

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- **Hardware**
  - Intel DX58SO Motherboard incompatibility of Windows Vista SP1/SP2 versions:
    A conflict has been reported and is under investigation (as of sept 2009) between motherboards using the latest Intel chipset X58 and Mykerinos PCIe cards (such as MYK-X30) under Windows Vista SP1 and SP2 versions. Pyramix users with such configurations should remain with the non-SP version of Vista for the time being.

    Incompatibility of Mykerinos MYK-X50 and X58 chipset based motherboards: a conflict has been reported and is under investigation (as of sept 2009) between motherboards using the latest Intel chipset X58 and Mykerinos PCIe MYK-X50 cards. Pyramix users with MYK-X50 are advised to only use them in X48 chipset based motherboards for the time being. MYK-X30 and Mykerinos PCI cards are not subject to this problem.

  - Warning: Intel Chipset 5xxx family & PCI Express MYK-X30/X50 board(s).
    Motherboards based on the Intel chipset 5000 family is known to present compatibility problems with our PCI Express MYK-X30 board(s). Though we have to say that in very specific and rare situations with exactly the right combination of BIOS / Chipset / CPU we have seen MYK-X30 cards behave fine on such motherboards, this can not be achieved often enough to come up with a valid set of suggestions for this to work accurately and repeatedly on different systems. Hence, our decision to register motherboards with Intel chipset 5000 family as non suitable for MYK-X30 cards.

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